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MSEQEPSSADLAAREAEEKQRK----AAEEAEQATLP-YKWTQTIR

£	I MGGEQEEERFDGMLLAMAQQHEGGVQELVNTFFSFLRRKTDFFIGGEEGMAEKLITQTF <i>S</i> HHNQLAQK T RREKRARQI
AT	. MGGEQEEERFDGMLLAMAQQHEGGVQELVNTFFSFLRRKTDFFIGGEEGMAEKLITQTFNHHNQLAQKARREKRARQI

ETERREKAERAAR

8 8 EAERREKAERAAR 5 S

RAT LAKEAKAETPGPQIKELTDEEAERLQLEIDQKKDAENHEVQLKNGSLDSPGKQDAEEEEDEEKDKGKLKPNLGNGADLPNYRWTGTLS 180

HUM LAKEAKSETSGPQIKELTDEEAERLQLEIDQKKDAENHEAQLKNGSLDSPGKQDTEEDE-EEDEKDKGKLKPNLGNGADLPNYRWTQTLS

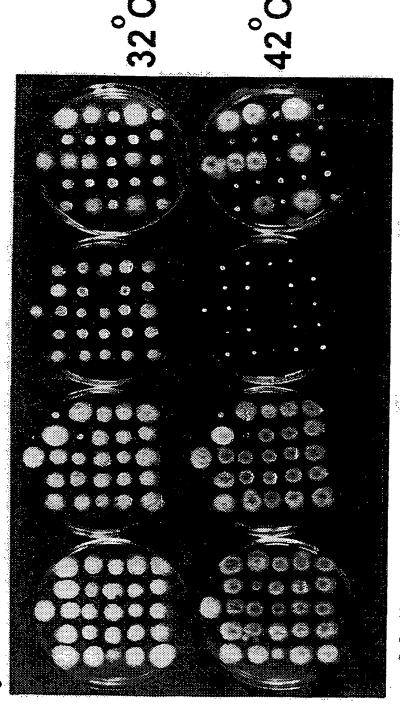
131 ELDLAVPFCVNFRLKGKDM/VDIQRRHLRVGLKGQ--PAIIDGELYNEVKVEESSWLIED-----GKVVTVHLEKINKMEWWSRLVSS 260 ELDLAVPFRVSFRLKGKDVVVDIQRRHLRVGLKGQ--APVIDGELYNEVKVEESSWLIED-----GKVVTVHLEKINKMEWWRLVTS 261 RAT HOM

DVDVFTTI PVSANLKGRDLDVVLKKDS I KVKVKGENGEV FIDGQFPHP I KPSESSWTLETTSKPPFTGKEVS I HLDKVNQMEWWAHVVTT GK V HL K N MEWW K ESSW LKG D ASP CON

HUM DPEINTKKINPENSKLSDLDSETRSMVEKNAMYDQRQKSMGLPTSDEQKKQEILKKFMDQHPEMDFSKAKFN 331 **DPEINTKKINPENSKLSDLDSETRSMVERMMYDQRQKSMGLPTSDEQKKQEILKKGMDQHPEMDFSKAKFN** RAT

202 ASP APKIDVSKITPENSSLSDLDGETRAMVEKAMYDQRQKEMGAPTSDEQRKMDILKKFQKEHPEMDFSNAKIG HPEMDES AK KI PENS LSDLD ETR MVEKMMYDOROK MG PTSDEQ K ILKKF SON

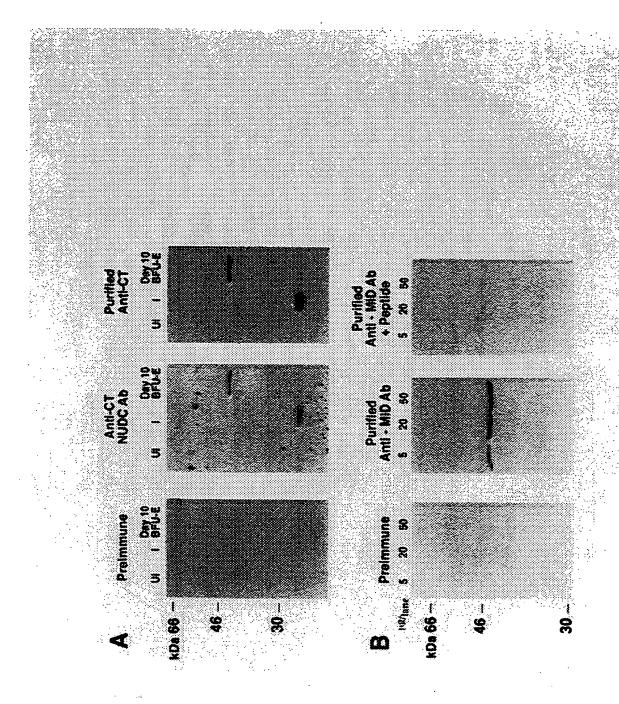
ASP CON The first time the same and small stade that the state and since the same that after



nudC cDNA pAL5 pAL5 + pAL5 + Hum. nudC Asp. nudC

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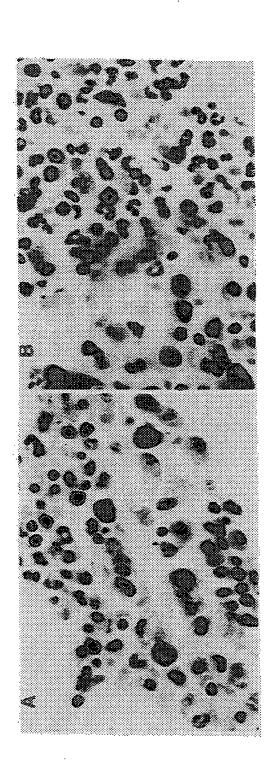


Fig. 4

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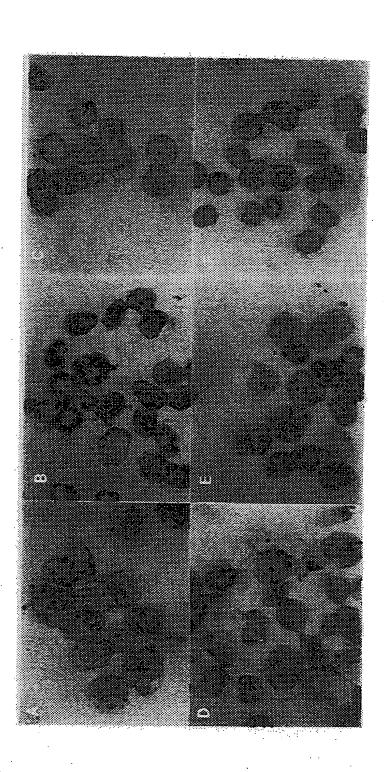


Fig. 5

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Fig. 6

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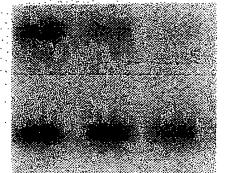
HNUDC -



ΙκΒα -

B

HnudC -



18S rRNA -

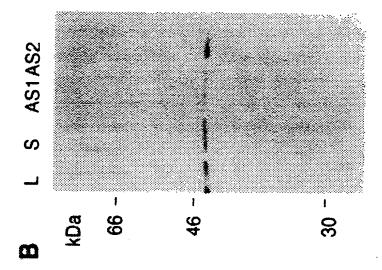
TL N

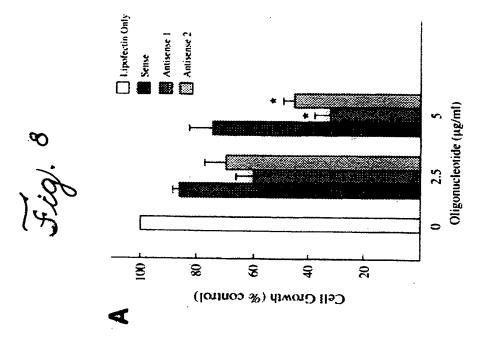
HNUDC -



10 16 20 24 ∞ 18S rRNA

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HnudC Ribozyme: Con 2 3 4 6 2/3 2/4 2/6 3/4 3/6 4/6

Target RNA -

Fig. 10

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FIG.11

1	CTAGAGTGCA GAGCTCCGGG ACGTGGATCG GAGCCGGCGC
	GATGGGCGGA GAGCAGGAGG
61	AGGAGCGGTT CGACGGCATG TTGCTGGCCA TGGCTCAGCA
	GCACGAGGGC GGCGTGCAGG
121	AGCTTGTGAA CACCTTCTTC AGCTTCCTTC GACGCAAAAC
	AGACTTTTC ATTGGAGGAG
181	AAGAAGGGAT GGCAGAGAAG CTTATCACAC AGACTTTCAG
	CCACCACAAT CAGCTGGCAC
241	AGAAGACCCG GCGGGAGAAG AGAGCCCGGC AGGAGGCCGA
	GCGGCGGAG AAGGCGGAGC
301	GGGCGCCAG ACTGGCCAAG GAAGCCAAGT CAGAGACCTC
	AGGGCCCCAG ATCAAGGAGC
361	TAACTGATGA AGAGGCAGAG AGGCTGCAGC TAGAGATTGA
	CCAGAAAAG GATGCAGAGA
421	ATCATGAGGC CCAGCTCAAG AACGGCAGCC TTGACTCCCC
	AGGGAAGCAG GATACTGAGG
481	AAGATGAGGA GGAAGATGAG AAGGACAAAG GAAAACTGAA
	GCCCAACCTA GGCAACGGGG
541	CAGACCTGCC CAATTACCGC TGGACCCAGA CCCTGTCGGA
	GCTGGACCTG GCGGTCCCTT
601	TCTGTGTGAA CTTCCGGCTG AAAGGGAAGG ACATGGTGGT
	GGACATCCAG CGGCGGCACC
661	TCCGGGTGGG GCTCAAGGGG CAGCCAGCGA TCATTGATGG
	GGAGCTCTAC AATGAAGTGA
721	AGGTGGAGGA GAGCTCGTGG CTCATTGAGG ACGGCAAGGT
	GGTGACTGTG CATCTGGAGA
781	AGATCAATAA GATGGAGTGG TGGAGCCGCT TGGTGTCCAG
	TGACCCTGAG ATCAACACCA





841	AGAAGATTAA CCCTGAGAAT TCCAAGCTGT CAGACCTGGA
	CAGTGAGACT CGCAGCATGG
901	TGGAAAAGAT GATGTATGAC CAGCGACAGA AGTCCATGGG
	GCTGCCAACT TCAGACGAAC
961	AGAAGAAACA GGAGATTCTG AAGAAGTTCA TGGATCAACA
	TCCGGAGATG GATTTTCCA
1021	AGGCTAAATT CAACTAGCCC CTGTTTTTTC CTCCCTGAAC
	TCTTGGGGCT GAGCTGCAAC
1081	CACCCAACTT TCTTTCCCAC TCTTCTCTGG GACTTGTGGG
	CCTCAGGGCT TGGGGCAGGC
1141	ATGGGACTGG CCCAGGCACA CAGGTCCCGG GGCATCAGGA
	GAAAGGCTGG GTCTTGGGAC
1201	CTTGTCCTCC CCAGTTGGCC TACTGTTACA CATTAAAACG
	ATTTGCCCAG CTCAAAAAA

1261 AAAAAAAAA AAAAAAAAA A

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